

# Planetary Protection: Policies and Practices – March 12-14, 2013

## WHAT IS IT

NASA has developed this course on planetary protection policies and practices to familiarize current and future practitioners with NASA and COSPAR planetary protection programs. The course provides a comprehensive review of all applicable policies, practices and procedures necessary to implement planetary protection requirements successfully, emphasizing integration of managerial, administrative, and laboratory aspects of planetary protection.

## WHO SHOULD TAKE IT, AND WHY?

This course is designed for managers, engineers, designers, lab technicians, and others interested in learning about the theory behind and application of planetary protection principles. Participants learn how the work of personnel with diverse skills and responsibilities is coordinated to develop an effective program of implementing planetary protection requirements. This course includes hands-on laboratory training in sampling hardware for microbial contamination and data management. The course is taught by experts in the field with years of practical experience in all aspects of planetary protection.

## COURSE CURRICULUM

### Day 1

- ◆ *Overview of Planetary Protection*
- ◆ *Treaties, Regulations, Government Policies*
- ◆ *Biology of Microbes: Introduction to Extremophiles*
- ◆ *Laboratory Techniques and Practices: Part I*

### Day 2

- ◆ *Planning for Compliance*
- ◆ *Guidelines for Hardware Design*
- ◆ *Probability of Impact/Break-up and Burn-up*
- ◆ *Laboratory Techniques and Practices: Part II*
- ◆ *Compliance, Statistics, Data Analysis and Reporting*

### Day 3

- ◆ *Real Time Implementation Lessons Learned – The Engineer's Perspective*
- ◆ *Review of Upcoming Missions*
- ◆ *Review of Laboratory Results*

## COURSE LOCATION FOR 2013

***Space Station Processing Facility  
Kennedy Space Center, FL 32899***



***Kennedy Space Center***

***Dates: March 12-14, 2013  
Tuition: \$500 per person***

This course is offered periodically at various locations in the U.S. and in Europe. Tuition covers all course materials, continental breakfast and breaks, lunch, and reception.



**FOR MORE INFORMATION  
OR TO REGISTER, CONTACT:**

**Technical Administrative Services  
(TAS)**

Phone: (1-303) 972-4849  
Fax: (1-303) 972-4993  
Email: [tasalb@msn.com](mailto:tasalb@msn.com)

**SUPPORTED BY:**

**NASA Planetary Protection Office**  
(<http://planetaryprotection.nasa.gov>)



**Registration Deadline: Feb. 8, 2013**

(a non-refundable cancellation fee of \$50.00 may be charged for cancellations after Feb. 8, 2013)

*Please print clearly*

First Name Last Name

Mailing Address

City State/Province Postal Code/Country

E-mail Business Phone Fax

Do you require any special considerations? ☐ Yes ☐ No

If so, please explain

**Registration Fees (US\$)**

Includes all course materials, continental breakfast, breaks, lunch, and reception

Registration	Amount (US\$)
Per Participant.....	\$500 \$_____
<b>Total Fees Due</b>	<b>\$_____</b>

**Accommodations (contact TAS):**

Please contact TAS for information.

**Method of Payment:**

Company Check (US Bank only) preferred - payable to Technical Administrative Services, or Credit Card

Cardholder's Name:

VISA - Master Card (Circle One)

Card Number

Exp. Date:\_\_\_\_\_

I authorize TAS - Policies and Practices Course to charge my account \$\_\_\_\_\_ (U.S.). I understand all cancellation terms/conditions outlined above.

Signature

< Please fax/email completed form (and payment) to the number/email address on the adjoining panel.

**March 12-14, 2013**

**PLANETARY  
PROTECTION:  
POLICIES  
AND  
PRACTICES**

